

HEAD

TO

HEAD

A field guide comparison of Delta's
DIAMOND™ Seal Technology
against other components
and competitors

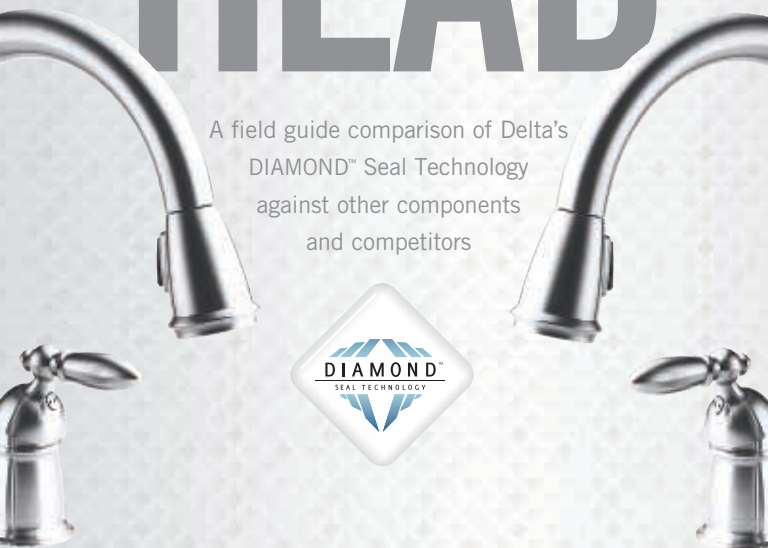






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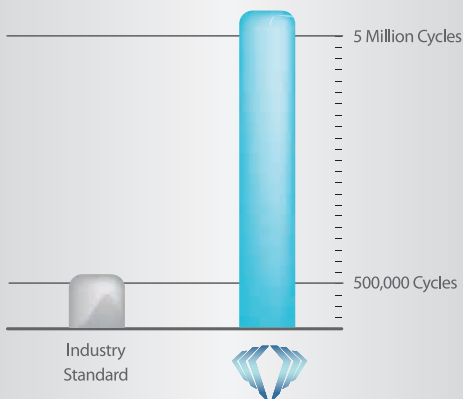


Built to last 10 times longer than the industry standard, Delta's new faucet models featuring DIAMOND™ Seal Technology provide an exclusive new water delivery system that uniquely harnesses the durability of the hardest substance in existence along with our one-piece InnoFlex™ waterway construction.



How long will most faucets remain leak-free?

Performance tested to failure, the DIAMOND™ valve will last more than 5 million cycles—10 times longer than the industry standard.*



*Industry standard based on ASME 112.18.1 of 500,000 cycles.

LEAK-FREE

The threat of leaks is all but eliminated thanks to the exclusive one-piece supply lines, DIAMOND™ valve, and no dynamic seals.

LONGER LASTING

Delta's DIAMOND™ Seal Technology is forever. Our DIAMOND™ valve is built to last 10 times longer than the industry standard.

Industry standard based on ASME 112.81.1 of 500,000 cycles

LEAD-FREE

Once inside the faucet, water is not in contact with potential metal contaminants.

LESS HASSLE

All the parts needed for installation are in the box. All you add is a wrench and screwdriver. No risers required.

Includes $\frac{3}{8}$ " stop connections.



WHAT MAKES DELTA[®] DIFFERENT?





DELTA DIAMOND™ ON CERAMIC

DURABILITY

Uses the hardest substance in existence to continuously polish the ceramic for like-new operation for life.

LUBRICANT

Not needed. Water is our natural lubricant for uninterrupted, smooth operation.

SEAL

Diamond prevents minerals and debris in the water from building up for a superior seal.

ALWAYS GLIDES
SMOOTHLY



VS

CERAMIC ON CERAMIC

DURABILITY

Like materials rubbing against each other
can stick together over time.

LUBRICANT

Grease used to slide smoothly.
Will wash away over time.

SEAL

Mineral deposits may accumulate over time,
leading to sticking of the handle.



DELTA
InnoFlex™
PEX WATERWAYS

SAME MATERIAL USED IN HIGH-END FILTRATION SYSTEMS.

DURABILITY

Will not pit, pinhole, scale or corrode.
Resistant to freeze damage. Stress tested at
500 psi, 200°F (same psi as fire hydrants).

FLEXIBILITY

Lightweight and pliable. Bends without
kinking to fit tight spaces.



CUTABILITY

Provided length is minimum 32" below the
deck; can be cut to shorter length; ferrule
inserts (included) assure watertight seal.*

WATER CONTAMINATION

Does not alter taste of or add
chemicals to the water.



*When properly installed according to installation instructions.

VS

COPPER

DURABILITY

May split when frozen.
Can pinhole, kink and corrode.
Susceptible to mineral deposits.

FLEXIBILITY

Extremely rigid; usually requires elbow pieces to negotiate turns.

CUTABILITY

Time-consuming to cut and smooth.
Once cut, pieces must be soldered together for watertight seal.

WATER CONTAMINATION

Potential for metal contaminants to leak into the water supply.



DELTA
InnoFlex™
PEX WATERWAYS

SAME MATERIAL USED IN HIGH-END FILTRATION SYSTEMS.

DURABILITY

Will not pit, pinhole, scale or corrode. Resistant to freeze damage. Stress tested at 500 psi, 200°F (same psi as fire hydrants).

FLEXIBILITY

Lightweight and pliable. Bends without kinking to fit tight spaces.

PEX



CUTABILITY

Provided length is minimum 32" below the deck; can be cut to shorter length; ferrule inserts (included) assure watertight seal.*

WATER CONTAMINATION

Does not alter taste of or add chemicals to the water.



*When properly installed according to installation instructions.

VS

BRAIDED STAINLESS

DURABILITY

Not rated for behind the wall usage.

FLEXIBILITY

Pliable. Bends without kinking to fit tight spaces.

CUTABILITY

Not able to be cut to length. Must carry different lengths.

WATER CONTAMINATION

Can alter taste of and potentially add chemicals to the water.

HOW DO DELTA[®] SINGLE-HANDLE PRODUCTS COMPARE TO THE INDUSTRY?



The comparison of products in this guide are only those of specific models:
Kohler Forté, Moen Camerist, Price Pfister Genesis and
American Standard Lakeland.



DELTA®

VALVE

Diamond-on-ceramic

LUBRICANT

Not needed. Water is our natural lubricant for uninterrupted, smooth operation.

STEM

Metal

MOTION

Triangular Joystick motion (preferred by consumers)

BONNET NUT

Metal

RISERS

InnoFlex™ PEX, cross-linked and one-piece



VS

KOHLER

VALVE

Ceramic-on-ceramic

LUBRICANT

Grease between ceramic plates

STEM

Some plastic; Some metal

MOTION

Euro motion (not consumer preferred)

BONNET NUT

Metal

RISERS

Braided stainless; length may require additional risers and adapters purchased at additional cost



DELTA®

VALVE

Diamond-on-ceramic

LUBRICANT

Not needed. Water is our natural lubricant for uninterrupted, smooth operation.

STEM

Metal

MOTION

Triangular Joystick motion (preferred by consumers)

BONNET NUT

Metal

RISERS

InnoFlex™ PEX, cross-linked and one-piece



VS

MOEN

VALVE

Cartridge with rubber grommets and o-rings

LUBRICANT

Grease

STEM

Metal

MOTION

Euro motion (not consumer preferred)

BONNET NUT

Plastic

RISERS

Not usually included – must be purchased at additional cost



DELTA®

VALVE

Diamond-on-ceramic

LUBRICANT

Not needed. Water is our natural lubricant for uninterrupted, smooth operation.

STEM

Metal

MOTION

Triangular Joystick motion (preferred by consumers)

BONNET NUT

Metal

RISERS

InnoFlex™ PEX, cross-linked and one-piece



VS

PRICE PFISTER

VALVE

Ceramic-on-ceramic

LUBRICANT

Grease between ceramic plates

STEM

Plastic

MOTION

Euro motion (not consumer preferred)

BONNET NUT

Plastic

RISERS

Not usually included – must be purchased at additional cost



DELTA®

VALVE

Diamond-on-ceramic

LUBRICANT

Not needed. Water is our natural lubricant for uninterrupted, smooth operation.

STEM

Metal

MOTION

Triangular Joystick motion (preferred by consumers)

BONNET NUT

Metal

RISERS

InnoFlex™ PEX, cross-linked and one-piece



VS

AMERICAN STANDARD

VALVE

Ceramic-on-ceramic

LUBRICANT

Grease between ceramic plates

STEM

Metal

MOTION

Euro motion (not consumer preferred)

BONNET NUT

Plastic

RISERS

Short braided stainless; length may require additional risers and adapters purchased at additional cost



DELTA®

VALVE



Diamond-on-ceramic

LUBRICANT

Not needed. Water is our natural lubricant for uninterrupted, smooth operation.

STEM



Metal

MOTION

Triangular Joystick motion
(preferred by consumers)

BONNET NUT

Metal



RISERS

InnoFlex™ PEX,
cross-linked
and one-piece

VS

KOHLER	MOEN	PRICE PFISTER	AMERICAN STANDARD
Ceramic -on- ceramic	Cartridge with rubber grommets and o-rings	Ceramic -on- ceramic	Ceramic -on- ceramic
Grease	Grease	Grease	Grease
Some plastic Some metal	Metal	Plastic	Metal
Euro motion	Euro motion	Euro motion	Euro motion
Metal	Plastic	Plastic	Plastic
Braided stainless; may require additional risers & adapters at additional cost	Not usually included— must be purchased at additional cost	Not usually included— must be purchased at additional cost	Short braided stainless; may require additional risers & adapters at additional cost



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